



Arbovirus Surveillance Report



City of Chicago
Rahm Emanuel, Mayor

Environmental Health

Department of Public Health
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West Nile Virus

September 2, 2013

Surveillance

This is the thirteenth week of mosquito surveillance. Mosquitoes were collected from a total of 72 gravid traps on two consecutive days.

Mosquitoes:

Week 35 (08/25/2013 – 08/31/2013)	
Total Collections (Number of Traps X Frequency of Collection)	144
Number of Female <i>Culex</i> Trapped and Tested	2743
Number of Pools Tested	143
Number of Pools Positive	38
Number of Community Areas with Positive Mosquitoes Pools	21
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1874
Number of Female <i>Culex</i> Trapped and Tested	30287
Number of Pools Tested	1906
Number of Pools Positive	169
Number of Community Areas with Positive Mosquitoes Pools	38

Community Areas (Cumulative): BEVERLY, WASHINGTON HEIGHTS, IRVING PARK, EDGWATER, MOUNT GREENWOOD, GREATER GRAND CROSSING, FOREST GLEN, PORTAGE PARK, BELMONT CRAGIN, EAST GARFIELD PARK, NEAR WEST SIDE, SOUTH DEERING, ASHBURN, AUSTIN, NEW CITY, O'HARE, LINCOLN PARK, SOUTH SHORE, AVONDALE, RIVERDALE, LAKE VIEW, CHATHAM, DUNNING, NORTH PARK, GAGE PARK, CHICAGO LAWN, CLEARING, NORWOOD PARK, EDISON PARK, LINCOLN SQUARE, NORTH LAWNSDALE, WEST LAWN, WEST TOWN, SOUTH LAWNSDALE, HUMBOLDT PARK, WEST PULLMAN, ROSELAND AND ARCHER HEIGHTS.

Dead birds: No additional dead birds tested, leaving at 8 the number of dead birds testing negative and at 1 the number of dead birds testing positive.

Humans: No human cases reported.

Risk Assessment

Chicago Department of Public Health

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<http://www.cityofchicago.org/health>

The number of female *Culex* mosquitoes trapped and tested increased by ~ 33% from week 34 and the number of positive pools increased by ~ 25%. As a result, the risk of West Nile virus infection continues to remain elevated. Risk is especially high in portions of the community areas of Norwood Park, Edison Park and O'Hare.

Larval and Adult Mosquito Control Efforts

During week 35 adulticiding occurred in sections of the community areas of Edgewater, Lincoln Square, West Ridge, Clearing, Chicago Lawn and West Lawn.